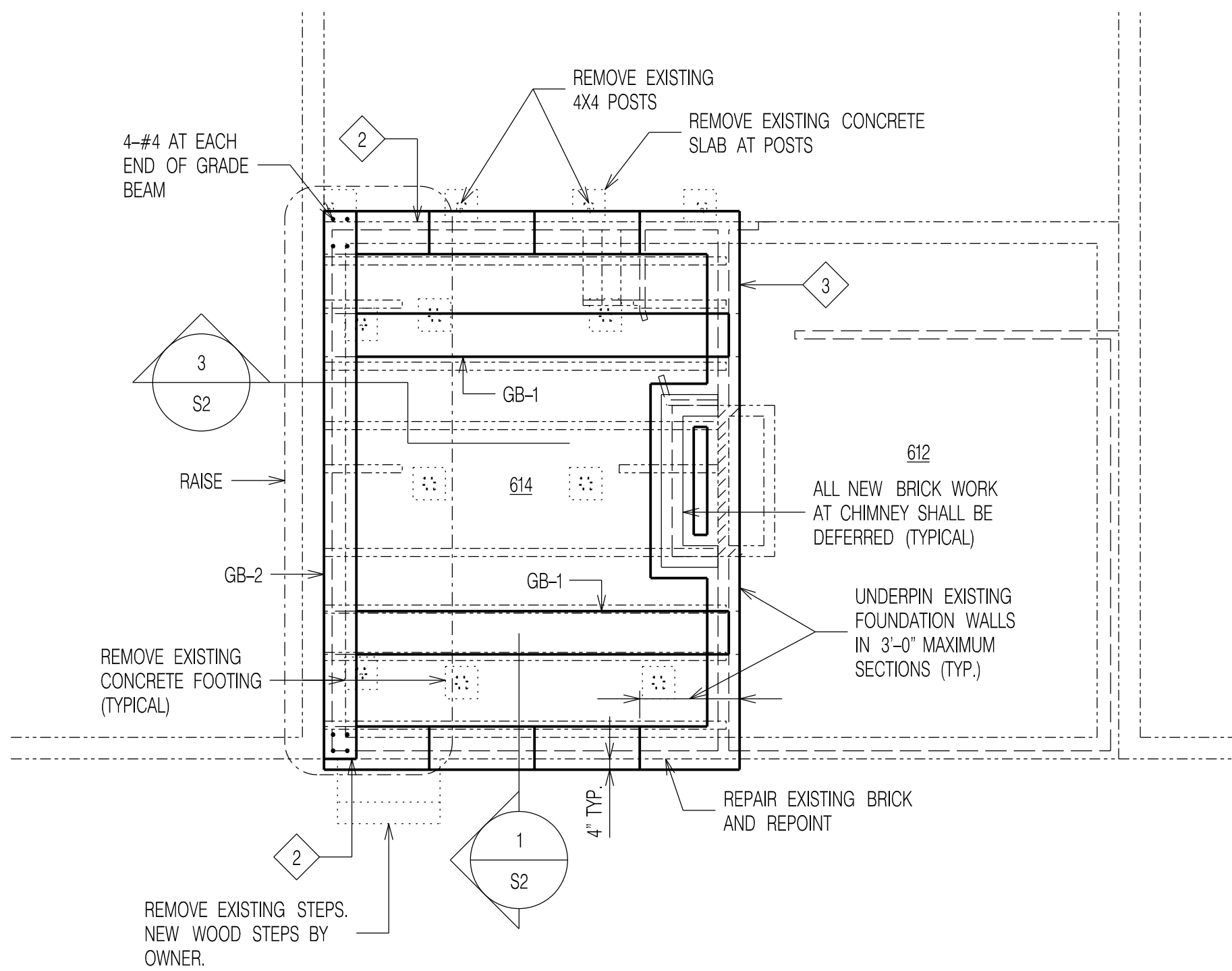


SECOND FLOOR FRAMING PLAN

SCALE: 1/4"=1'-0"



1. PROVIDE NEW WALL SHEATHING WHERE REQUIRED. SHEATHING SHALL BE APA RATED EXPOSURE 1,2332' 4020 PLYWOOD.
2. PROVIDE NEW 1 3/4"X7 1/4" LVL EACH SIDE OF EXISTING FLOOR JOISTS UNLESS SHOWN OTHERWISE IN PLAN.
3. REMOVE MINIMUM SHEATHING AND PLASTER AS REQUIRED TO JACK FLOOR.
4. REMOVE THE EXISTING WINDOWS, DOORS AND DOOR FRAMES PRIOR TO JACKING THE FLOOR. REINSTALL AFTER FLOOR IS LEVEL AND AT THE CORRECT ELEVATION.
5. SHORE STUD WALLS AS REQUIRED TO JACK FLOOR.
6. JACK THE EXISTING FLOOR AND NEW FLOOR JOISTS TO THE ORIGINAL ELEVATION TAKING CARE TO PROTECT FLOOR. CONTRACTOR SHALL SUBMIT JACKING PLAN TO THE ENGINEER FOR REVIEW.
7. RAISE SOUTH WALL AS UNIT INCLUDING BRICK INFILL TO ORIGINAL ELEVATION. SUBMIT PLAN TO ENGINEER FOR REVIEW.
8. PROTECT EXISTING FLOOR JOISTS.
9. REMOVE EXISTING CLOSET AND STAIR ELEMENTS ONLY AS REQUIRED TO RAISE THE FLOOR. PROTECT MATERIALS AND REBUILD WITH EXISTING ELEMENTS TO MATCH ORIGINAL.
10. SPIKE NEW 2X4 STUD TO EXISTING DAMAGED STUDS. CUT NEW STUD TO MATCH DEPTH OF EXISTING STUD.

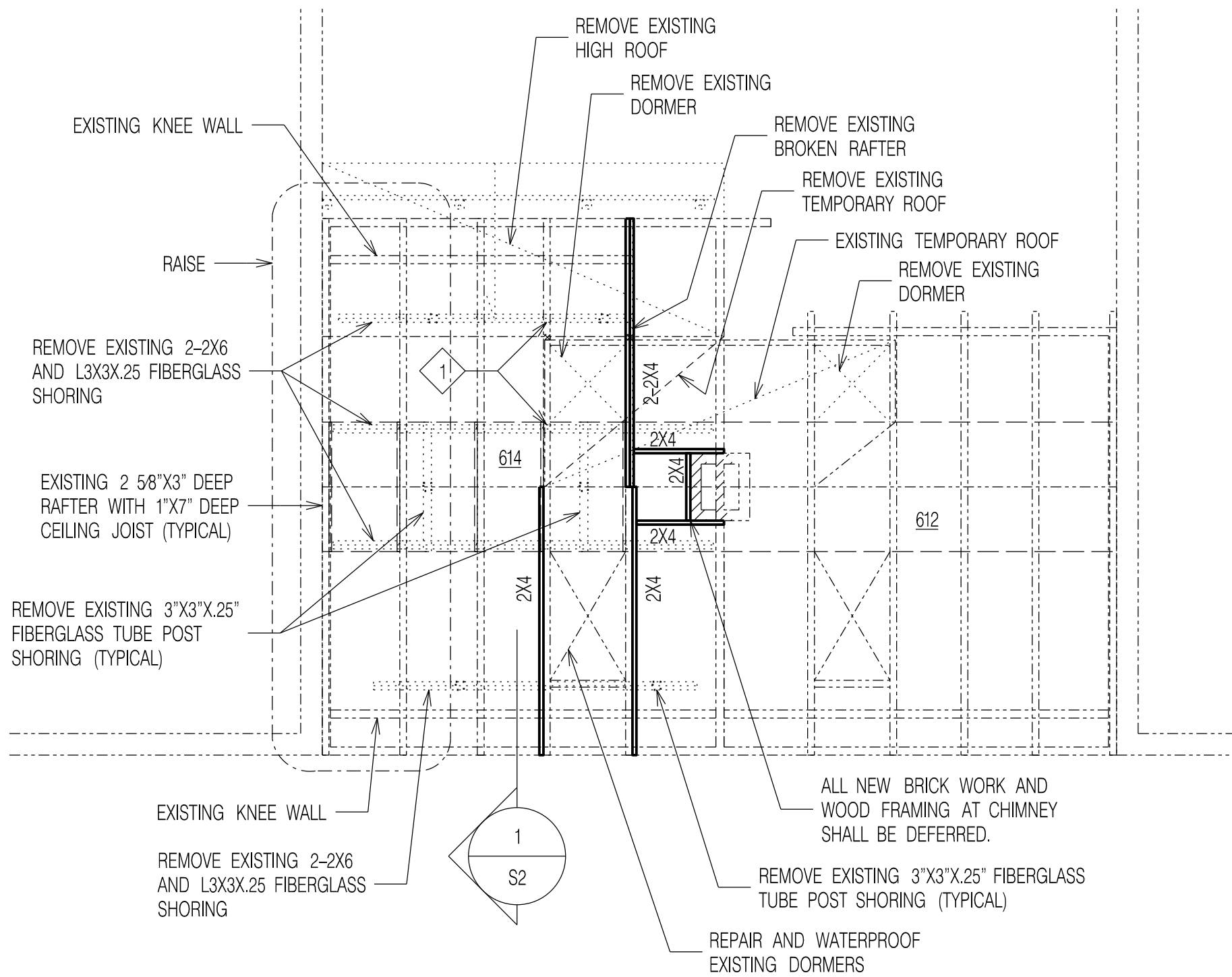


FOUNDATION AND FIRST FLOOR FRAMING PLAN

SCALE: 1/4"=1'-0"



1. PROTECT EXISTING FLOOR JOISTS.
2. REMOVE THE EXISTING FOUNDATION WALL AS REQUIRED TO INSTALL THE NEW GRADE BEAM. REBUILD THE WALL WITH THE EXISTING BRICK.
3. STEP UNDERPINNING AT THE NORTH WALL AS REQUIRED TO MATCH THE BOTTOM OF UNDERPINNING AT THE EAST AND WEST WALLS.



ROOF FRAMING PLAN

SCALE: 1/4"=1'-0"



1. REMOVE EXISTING SHINGLES.
2. PROVIDE NEW ROOF DECK WHERE REQUIRED. ROOF DECK SHALL BE APA RATED EXPOSURE 1,2332' 4020 PLYWOOD.

GENERAL NOTES

CODE

- A. ALL CONSTRUCTION SHALL CONFORM TO THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE 2018.

DESIGN LIVE LOADS

- A. THE MINIMUM DESIGN SUPERIMPOSED LOADS FOR ALL NEW FRAMING IS AS FOLLOWS:

LIVE LOADS	
SLEEPING ROOMS	30 PSF
STAIRS	40 PSF
ROOF	20 PSF
UNINHABITABLE ATTIC	10 PSF

ROOF SNOW LOAD	
Pg	30 PSF
P _s	25 PSF

Ce	1.0
I	1.0
Ct	1.2

WIND	
BASIC WIND SPEED (3-SEC GUST)	115 MPH
RISK CATEGORY	II

EXPOSURE	B
Cp _f	-18 AND +18

FOUNDATIONS

- A. ALL FOOTINGS HAVE BEEN DESIGNED FOR AN ASSUMED SOIL BEARING PRESSURE OF 2000 PSF. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ASSUMED SOIL BEARING PRESSURE. SHOULD THE PRESSURE BE FOUND TO BE LESS THAN THE ASSUMED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.
- B. SELECT FILL SHALL CONFORM TO ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP, AND SM. FREE OF ROCK OR GRAVEL LARGER THAN 2 INCHES IN ANY DIMENSION. DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION AND OTHER DELETERIOUS MATTER.
- C. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH GRADE.

CAST IN PLACE CONCRETE

- A. ALL CONCRETE WORK SHALL CONFORM TO THE PROVISIONS OF THE "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" ACI 301, AND TO THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" ACI 318.
- B. THE CONCRETE SHALL CONFORM TO ALL PROVISIONS OF THE FOLLOWING PUBLICATIONS:
- | | |
|---------|---------------------------------|
| ACI 305 | HOT WEATHER CONCRETING. |
| ACI 306 | COLD WEATHER CONCRETING. |
| ACI 347 | GUIDE TO FORMWORK FOR CONCRETE. |
- C. ALL CONCRETE SHALL BE STONE AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI AT 28 DAYS UNLESS NOTED OTHERWISE.
- D. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE AN AIR ENTRAINMENT OF 4%-6%, THE MAXIMUM AGGREGATE SIZE SHALL BE 1", AND THE MAXIMUM SLUMP SHALL BE 4". NO ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL BE PERMITTED.
- E. ALL REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60.
- F. COMPLETE SHOP DRAWINGS DETAILING ALL REINFORCING SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- G. THE CONCRETE DESIGN MIX SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW.
- H. THE CONTRACTOR SHALL EMPLOY AN INDEPENDENT INSPECTION AGENCY APPROVED BY THE ENGINEER TO VERIFY PLACEMENT OF THE REINFORCEMENT AND TO SAMPLE AND TEST THE CONCRETE.

MASONRY

- A. MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 402-16)", PUBLISHED BY THE MASONRY SOCIETY.
- B. OWNER TO RETAIN AN INSPECTION AGENCY TO TEST THE EXISTING MORTAR AND DETERMINE ITS COMPOSITION. NEW MORTAR SHALL MATCH THE EXISTING HISTORIC MORTAR IN SIZE, COLOR, TEXTURE AND STRENGTH. SUBMIT TO ENGINEER FOR REVIEW.
- C. SALVAGE THE EXISTING BRICK TO THE GREATEST EXTENT POSSIBLE. NEW BRICK SHALL MATCH THE EXISTING HISTORIC BRICK IN SIZE, COLOR, TEXTURE AND STRENGTH. SUBMIT TO ENGINEER FOR REVIEW.

WOOD FRAMING

- A. ALL WOOD FRAMING SHALL BE HEM. FIR #2 (19% MAXIMUM MOISTURE CONTENT IN USE OR BETTER) UNLESS NOTED OTHERWISE. ALL WOOD STUDS SHALL BE SPRUCE PINE FIR STUD GRADE (19% MAXIMUM MOISTURE CONTENT IN USE OR BETTER).
- B. ALL DOUBLE JOISTS OR RAFTERS SHALL BE SPIKED TOGETHER WITH 10d NAILS AT 16" ON CENTER.
- C. WOOD BEAMS MADE OF 3 OR MORE 2X'S SHALL BE NAILED TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS AT 12" O.C.
- D. NAILING OF ALL FRAMING SHALL MEET THE RECOMMENDED FASTENING SCHEDULE CONTAINED IN THE INTERNATIONAL BUILDING CODE 2015.
- E. ALL METAL CONNECTORS USED AT THE EXTERIOR SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653 G60 COATING DESIGNATION EXCEPT CONNECTORS IN CONTACT WITH TREATED LUMBER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653 G185. FASTENERS IN CONTACT WITH TREATED WOOD SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.
- F. ALL EXTERIOR WOOD FRAMING AND WOOD IN CONTACT WITH MASONRY SHALL RECEIVE A PRESSURE INJECTED PRESERVATIVE TREATMENT. TREATED WOOD SHALL BE SOUTHERN PINE #2 OR BETTER. TREAT CUTS, HOLES AND OTHER PENETRATIONS IN ACCORDANCE WITH AWWA M4.
- G. LAMINATED VENEER LUMBER (LVL) MEMBERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
- | | |
|----------------|-----------------|
| F _b | = 2,600 PSI |
| F _v | = 285 PSI |
| E | = 2,000,000 PSI |
- H. MULTIPLE LVL BEAMS SHALL BE NAILED TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS AT 12" O.C.
- I. MULTIPLE STUDS SHALL BE NAILED TOGETHER WITH 10d COMMON NAILS AT 6" ON CENTER STAGGERED OR 30d COMMON NAILS AT 8" ON CENTER STAGGERED.
- J. PLYWOOD SHALL CONFORM TO THE PLYWOOD DESIGN SPECIFICATIONS AND THE PERFORMANCE STANDARDS AND POLICIES FOR STRUCTURAL-USE PANELS PUBLISHED BY THE AMERICAN PLYWOOD ASSOCIATION.
- K. STRUCTURAL LUMBER AND CONNECTORS SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND ITS SUPPLEMENTS.
- L. PLYWOOD WALL AND ROOF SHEATHING SHALL BE ANCHORED WITH 8d COMMON NAILS SPACED AT 6" ON CENTER AT PERIMETER OF EACH PANEL AND 12" ON CENTER AT INTERMEDIATE SUPPORTS. PROVIDE BLOCKING AT ALL WALL JOINTS.
- M. METAL CONNECTORS ARE BY SIMPSON STRONG TIE UNLESS NOTED OTHERWISE.
- DEMOLITION
- A. REPAIR DAMAGE TO ANY EXISTING CONSTRUCTION WHICH IS TO REMAIN. DO NOT DISRUPT ANY EXISTING UTILITY SERVICES.
- B. REMOVE ALL DEBRIS FROM SITE PROMPTLY AND DISPOSE OF IN A LEGAL MANNER.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 11707. EXPIRATION DATE 11/16/21.

DAVID H. GLEASON ASSOCIATES, INC.
ARCHITECTS

520 A NORTH EUTAW STREET, BALTIMORE, MD 21201 410.728.1810

Alterations and Additions

Caulkers' House
614 South Wolfe Street
Baltimore, Maryland

Title

PLANS AND
GENERAL
NOTES

© David H. Gleason Associates, Inc.

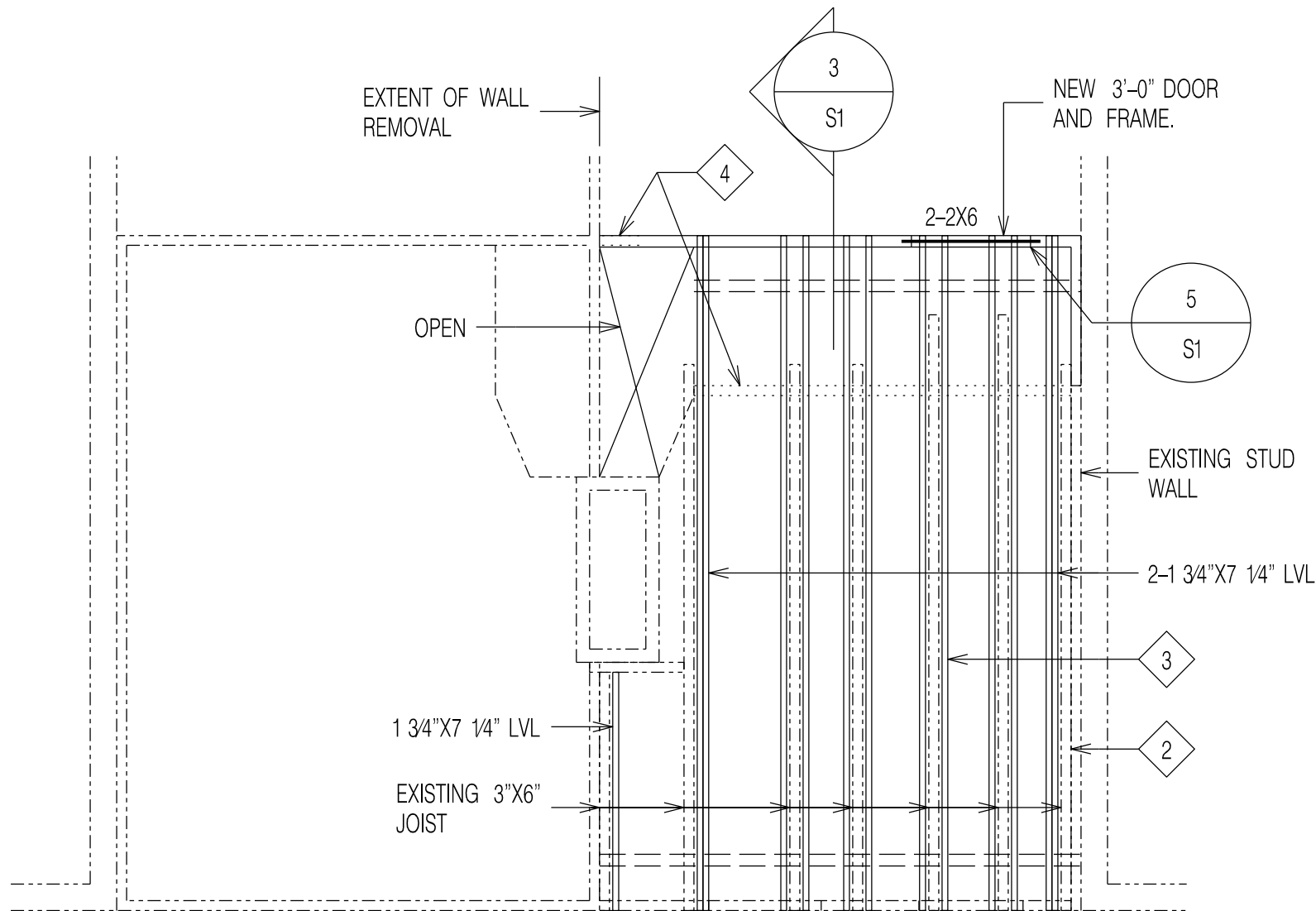
Date 7/16/20

Revisions

Project #

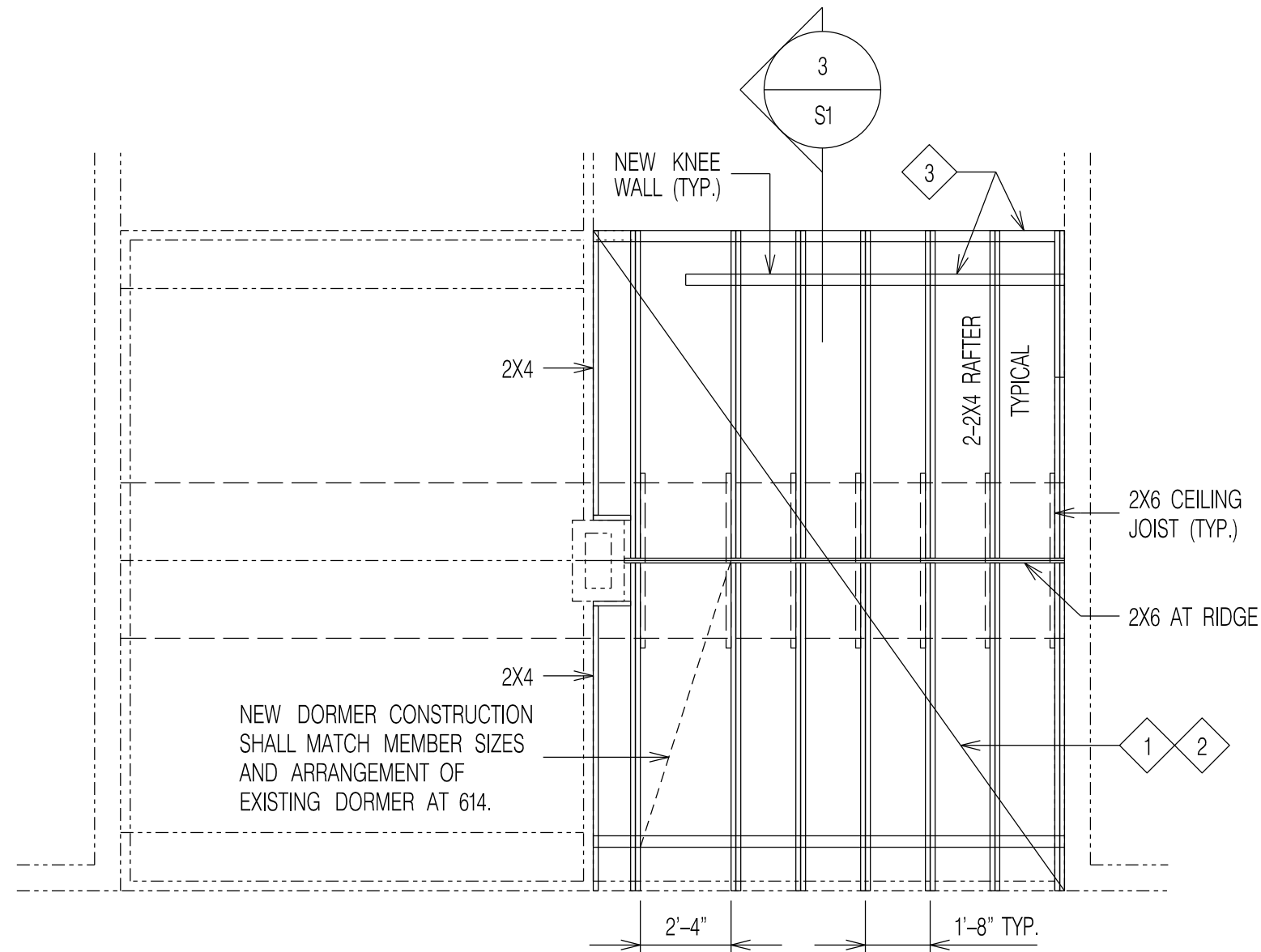
Sheet

S1



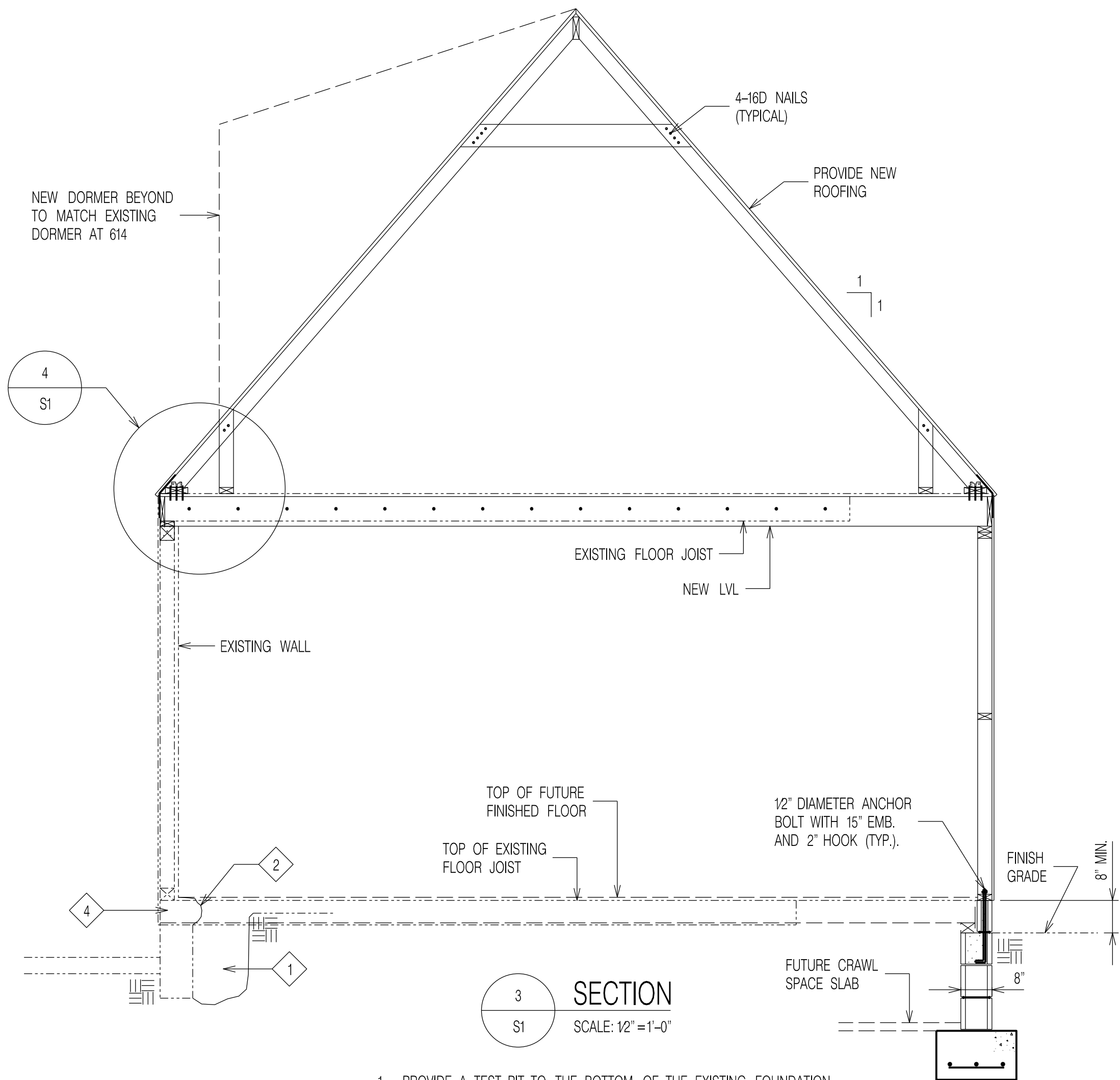
1 SECOND FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"
S1

- JACK THE EXISTING FLOOR TO THE ORIGINAL ELEVATION.
- ANCHOR EXISTING WOOD JOIST TO THE EXISTING STUD WALL WITH 2-#10X5" LONG WOOD SCREWS AT EACH EXISTING STUD.
- PROVIDE NEW 1 3/4"X7 1/4" LVL EACH SIDE OF EXISTING FLOOR JOIST UNLESS SHOWN OTHERWISE IN PLAN.
- REMOVE THE EXISTING WALLS IDENTIFIED IN PLAN AND THE EXISTING SHORING.



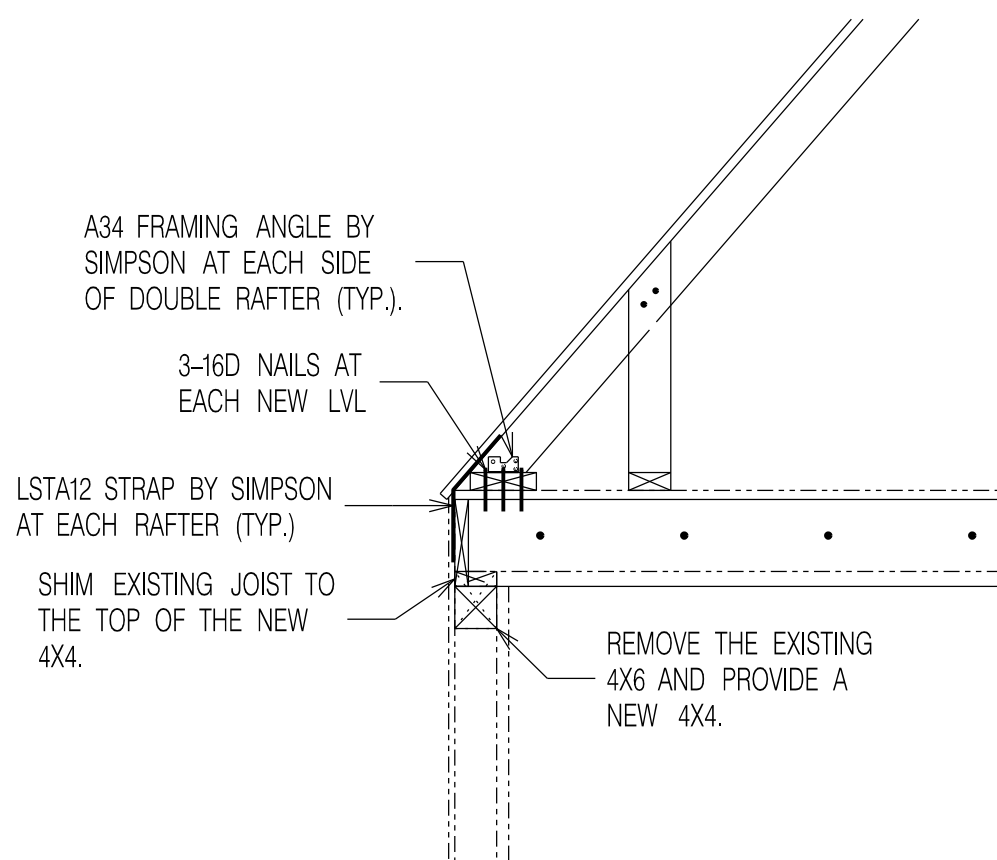
2 ROOF FRAMING PLAN
SCALE: 1/4"=1'-0"
S1

- REMOVE THE EXISTING ROOF TO THE TOP OF THE EXISTING SECOND FLOOR.
- THE NEW ROOF DECK SHALL BE APA RATED EXPOSURE 1, 1932" 3216 PLYWOOD.
- INTERIOR STUD WALLS SHALL BE 2X4'S AT 16" ON CENTER UNLESS NOTED OTHERWISE. EXTERIOR STUD WALLS SHALL BE 2X4'S AT 16" ON CENTER UNLESS NOTED OTHERWISE.

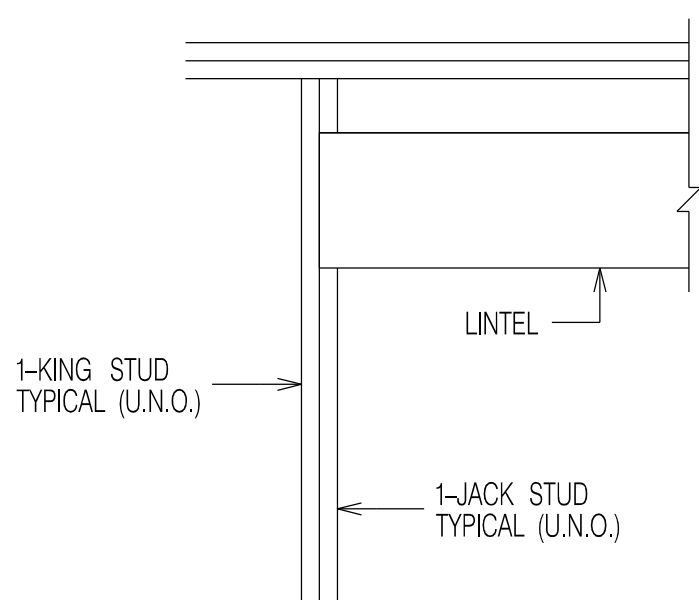


3 SECTION
SCALE: 1/2"=1'-0"
S1

- PROVIDE A TEST PIT TO THE BOTTOM OF THE EXISTING FOUNDATION.
- REMOVE ALL SOIL 8" MINIMUM FROM ENDS OF JOISTS AND STUDS.
- CONTACT ENGINEER TO REVIEW.
- REMOVE AND REPLACE DETERIORATED WOOD TO THE TOP OF THE FOUNDATION WALL.



4 RAFTER SUPPORT DETAIL
SCALE: 3/4"=1'-0"
S1



5 TYPICAL WOOD JAMB DETAIL
NOT TO SCALE
S1

GENERAL NOTES

CODE

- A. ALL CONSTRUCTION SHALL CONFORM TO THE PROVISIONS OF THE INTERNATIONAL BUILDING CODE 2015.

DESIGN LIVE LOADS

- A. THE MINIMUM DESIGN SUPERIMPOSED LOADS FOR ALL NEW FRAMING IS AS FOLLOWS:

LIVE LOADS	
SLEEPING ROOMS	30 PSF
STAIRS	40 PSF
ROOF	20 PSF
UNINHABITABLE ATTIC	10 PSF

ROOF SNOW LOAD	
P _g	30 PSF
P _s	18 PSF
C _e	1.0
I	1.0
C _t	1.1

WIND	
BASIC WIND SPEED (3-SEC GUST)	115 MPH
RISK CATEGORY	II
EXPOSURE	B
C _p	-18 AND +18

FOUNDATIONS

- A. ALL FOOTINGS HAVE BEEN DESIGNED FOR AN ASSUMED SOIL BEARING PRESSURE OF 2000 PSF. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ASSUMED SOIL BEARING PRESSURE. SHOULD THE PRESSURE BE FOUND TO BE LESS THAN THE ASSUMED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT.

- B. SELECT FILL SHALL CONFORM TO ASTM D 2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SW, SP, AND SM. FREE OF ROCK OR GRAVEL LARGER THAN 2 INCHES IN ANY DIMENSION, DEBRIS, WASTE, FROZEN MATERIALS, VEGETATION AND OTHER DELETERIOUS MATTER.

- C. THE BOTTOM OF ALL EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 2'-6" BELOW FINISH GRADE.

CAST IN PLACE CONCRETE

- A. ALL CONCRETE WORK SHALL CONFORM TO THE PROVISIONS OF THE "SPECIFICATION FOR STRUCTURAL CONCRETE FOR BUILDINGS" ACI 301 AND TO THE "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" ACI 318.

- B. ALL CONCRETE SHALL BE STONE AGGREGATE CONCRETE HAVING A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI AT 28 DAYS UNLESS NOTED OTHERWISE.

- C. ALL CONCRETE EXPOSED TO WEATHER SHALL HAVE AN AIR ENTRAINMENT OF 4%-6%. THE MAXIMUM AGGREGATE SIZE SHALL BE 1" AND THE MAXIMUM SLUMP SHALL BE 4". NO ADMIXTURES CONTAINING CALCIUM CHLORIDE SHALL BE PERMITTED.

- D. ALL REINFORCING BARS SHALL CONFORM TO ASTM A-615 GRADE 60.

MASONRY

- A. MASONRY CONSTRUCTION AND MATERIALS SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATIONS FOR MASONRY STRUCTURES (ACI 530.1-05/ASCE 6-05/TMS 602-05)", PUBLISHED BY THE AMERICAN CONCRETE INSTITUTE.

- B. BLOCK SHALL CONFORM TO ASTM C-90.

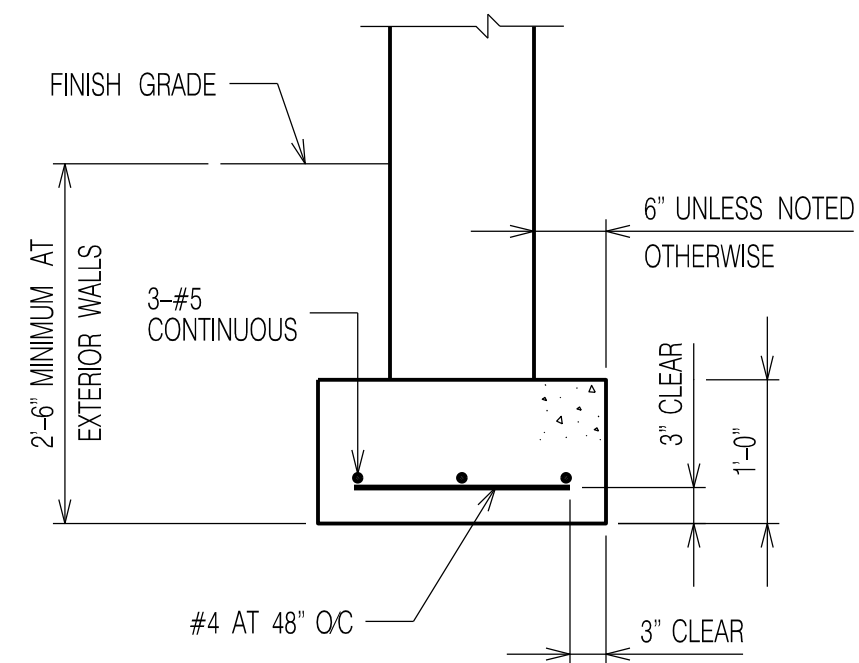
- C. MORTAR SHALL CONFORM TO ASTM C-270, TYPE S. NO CALCIUM CHLORIDE SHALL BE USED.

- D. GROUT SHALL CONFORM TO ASTM C-476. NO CALCIUM CHLORIDE SHALL BE USED.

- E. ALL MASONRY WALLS SHALL BE REINFORCED WITH HORIZONTAL JOINT REINFORCEMENT SPACED VERTICALLY AT 16" ON CENTER UNLESS OTHERWISE NOTED. LAP REINFORCING 8" MINIMUM.

- F. PROVIDE SOLID BLOCK OR FILL WALL SOLID WITH GROUT DIRECTLY BELOW OR ABOVE ALL CHANGES IN WALL THICKNESS OR CONSTRUCTION AS REQUIRED TO PROVIDE CONTINUOUS BEARING FOR ALL FACE SHELLS.

- G. ANCHOR WOOD PLATES TO THE TOP OF MASONRY WALLS WITH 12" DIAMETER ANCHOR BOLTS AT 4'-0" ON CENTER UNLESS OTHERWISE NOTED. PROVIDE A MINIMUM OF 2 ANCHORS PER PLATE. PROVIDE A 2" HOOK AND EMBED BOLTS 15" MINIMUM INTO THE TOP OF THE WALL.



6 TYPICAL WALL FOOTING DETAIL
SCALE: 3/4"=1'-0"
S1

WOOD FRAMING

- A. ALL WOOD FRAMING SHALL BE HEM FIR #2 (19% MAXIMUM MOISTURE CONTENT IN USE OR BETTER) UNLESS NOTED OTHERWISE. ALL WOOD STUDS SHALL BE SPRUCE PINE FIR STUD GRADE (19% MAXIMUM MOISTURE CONTENT IN USE OR BETTER).

- B. ALL JOISTS, RAFTERS OR BEAMS FRAMING INTO THE SIDE OF BEAMS OR HEADERS SHALL BE CONNECTED USING JOIST OR BEAM HANGERS RESPECTIVELY.

- C. PROVIDE SOLID BRIDGING BETWEEN ALL JOISTS OR RAFTERS AT BEARINGS. PROVIDE BRIDGING BETWEEN FLOOR JOISTS PER THE FOLLOWING:

8'-0" TO 15'-0" - 1 ROW AT MIDSPAN
OVER 15'-0" - 2 ROWS AT THIRD POINTS

- D. PROVIDE A MINIMUM OF ONE ROW OF SOLID BRIDGING AT THE MID-HEIGHT OF STUD WALLS.

- E. PROVIDE PLY CLIPS AT CENTERLINE OF PLYWOOD SPAN AT ALL EDGES PARALLEL TO SPAN WHICH ARE NOT TONGUE AND GROOVE.

- F. PROVIDE DOUBLE STUDS MINIMUM AT ALL CORNERS, SIDES OF ALL OPENINGS, WINDOWS AND DOORS, AND BENEATH ALL BEAMS AND LINTELS UNLESS NOTED OTHERWISE IN PLAN. PROVIDE SOLID BLOCKING AS REQUIRED TO CARRY MULTIPLE STUDS AND POSTS BENEATH BEAMS AND LINTELS THROUGH ANY INTERMEDIATE FLOOR FRAMING TO THE TOP OF MASONRY FOUNDATION WALLS.

- G. PROVIDE 3" MINIMUM BEARING FOR JOISTS AND BEAMS UNLESS NOTED OTHERWISE.

- H. ALL DOUBLE JOISTS OR HEADERS SHALL BE SPIKED TOGETHER WITH 10d NAILS AT 16" ON CENTER.

- I. WOOD BEAMS MADE OF 3 OR MORE 2X'S SHALL BE NAILED TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS AT 12" OC.

- J. NAILING OF ALL FRAMING SHALL MEET THE RECOMMENDED FASTENING SCHEDULE CONTAINED IN THE INTERNATIONAL BUILDING CODE 2015.

- K. EXTERIOR WALL SHEATHING SHALL BE APA RATED EXPOSURE 1, 1532"-240 PLYWOOD. ALL HORIZONTAL JOINTS SHALL OCCUR OVER BLOCKING, RIBBON BOARDS OR PLATES AS REQUIRED TO PROVIDE A CONTINUOUS TIE BETWEEN THE ROOF AND FOUNDATION.

- L. ALL METAL CONNECTORS USED AT THE EXTERIOR SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653 G60 COATING DESIGNATION EXCEPT CONNECTORS IN CONTACT WITH TREATED LUMBER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653 G185. FASTENERS IN CONTACT WITH TREATED WOOD SHALL BE HOT DIP GALVANIZED IN ACCORDANCE WITH ASTM A153.

- M. ALL EXTERIOR WOOD FRAMING AND WOOD IN CONTACT WITH MASONRY SHALL RECEIVE A PRESSURE INJECTED PRESERVATIVE TREATMENT. TREATED WOOD SHALL BE SOUTHERN PINE #2 OR BETTER. TREAT CUTS, HOLES AND OTHER PENETRATIONS IN ACCORDANCE WITH AWPA M4.

- N. LAMINATED VENEER LUMBER (LVL) MEMBERS SHALL HAVE THE FOLLOWING MINIMUM PROPERTIES:
F_b = 2,600 PSI
F_v = 285 PSI
E = 2,000,000 PSI

- O. MULTIPLE LVL BEAMS SHALL BE NAILED TOGETHER WITH A MINIMUM OF 2 ROWS OF 16d NAILS AT 12" OC.

- P. MULTIPLE STUDS SHALL BE NAILED TOGETHER WITH 10d COMMON NAILS AT 6" ON CENTER STAGGERED OR 30d COMMON NAILS AT 8" ON CENTER STAGGERED.

- Q. PLYWOOD SHALL CONFORM TO THE PLYWOOD DESIGN SPECIFICATIONS AND THE PERFORMANCE STANDARDS AND POLICIES FOR STRUCTURAL-USE PANELS PUBLISHED BY THE AMERICAN PLYWOOD ASSOCIATION.

- R. STRUCTURAL LUMBER AND CONNECTORS SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION AND ITS SUPPLEMENTS.

- S. PLYWOOD WALL AND ROOF SHEATHING SHALL BE ANCHORED WITH 8d COMMON NAILS SPACED AT 6" ON CENTER AT PERIMETER OF EACH PANEL AND 12" ON CENTER AT INTERMEDIATE SUPPORTS. PROVIDE BLOCKING AT ALL WALL JOINTS.

- T. ALL HORIZONTAL JOINTS IN EXTERIOR WALL SHEATHING SHALL OCCUR OVER BLOCKING, PLATES OR RIBBON BOARDS TO PERMIT THE HORIZONTAL EDGE NAILING OF BOTH THE UPPER AND LOWER PANEL TO OCCUR AT THE SAME MEMBER.

- U. METAL CONNECTORS ARE BY SIMPSON STRONG TIE UNLESS NOTED OTHERWISE.

GENERAL

- A. THE CONTRACTOR SHALL PROVIDE ALL SHORING, NEEDLING AND BRACING AS REQUIRED TO MAINTAIN THE STABILITY OF THE EXISTING STRUCTURE. THE CONTRACTOR SHALL EXAMINE THE EXISTING STRUCTURE TO DETERMINE THE EXTENT OF NECESSARY SHORING, NEEDLING AND UNDERPINNING. THE CAPACITY AND METHOD USED FOR SHORING AND NEEDLING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

- B. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE THE EXISTING BUILDING DURING THE COURSE OF CONSTRUCTION AND ADVISE THE ENGINEER OF ANY AREAS WHERE THE STRUCTURE EXHIBITS DISTRESS OR FAILURE.

PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 11707. EXPIRATION DATE 11/19.

DAVID H. GLEASON ASSOCIATES, INC.
ARCHITECTS

520 A NORTH EUTAW STREET, BALTIMORE, MD 21201 410.728.1810

Alterations and Additions

Caulkers' House
612 South Wolfe Street
Baltimore, Maryland

Title

PLANS,
SECTION,
DETAILS, &
GENERAL
NOTES

© David H. Gleason Associates, Inc.

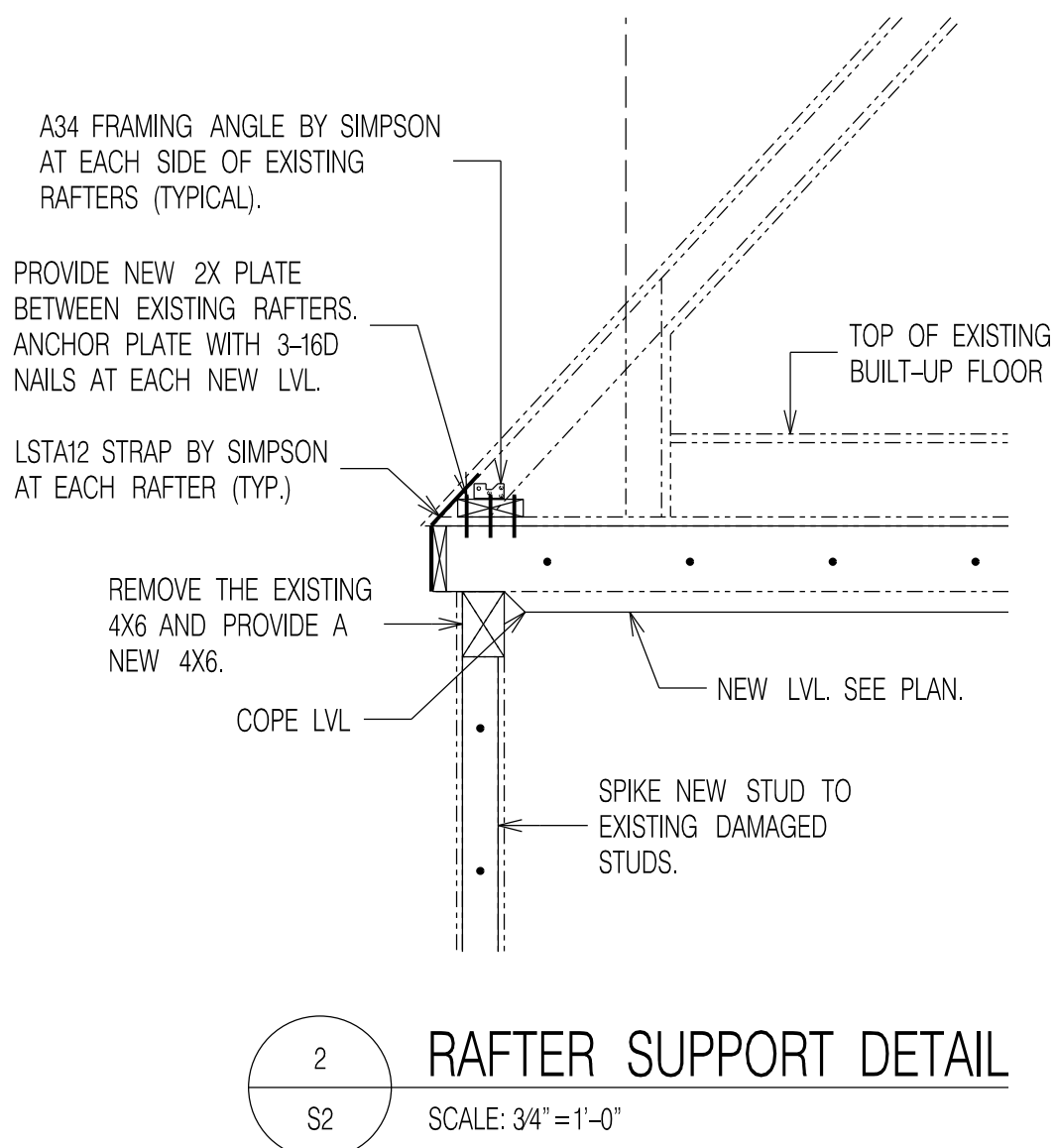
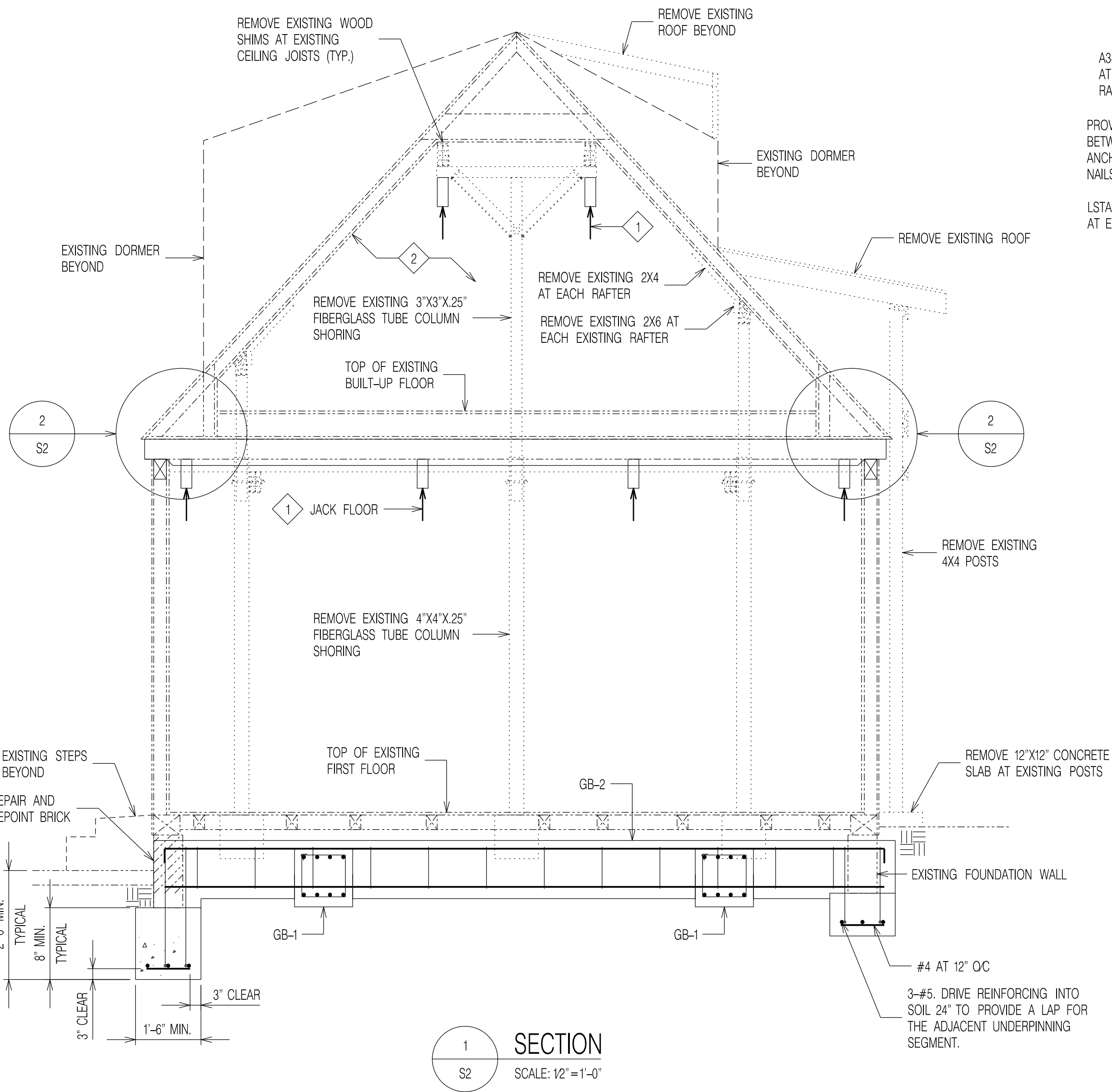
Date 7/16/20

Revisions

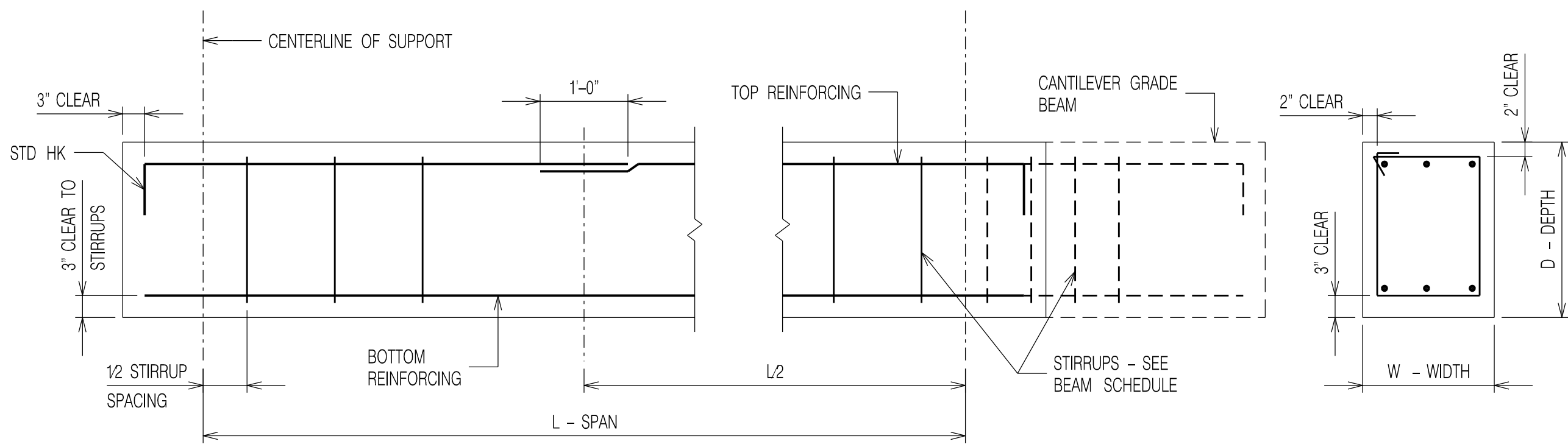
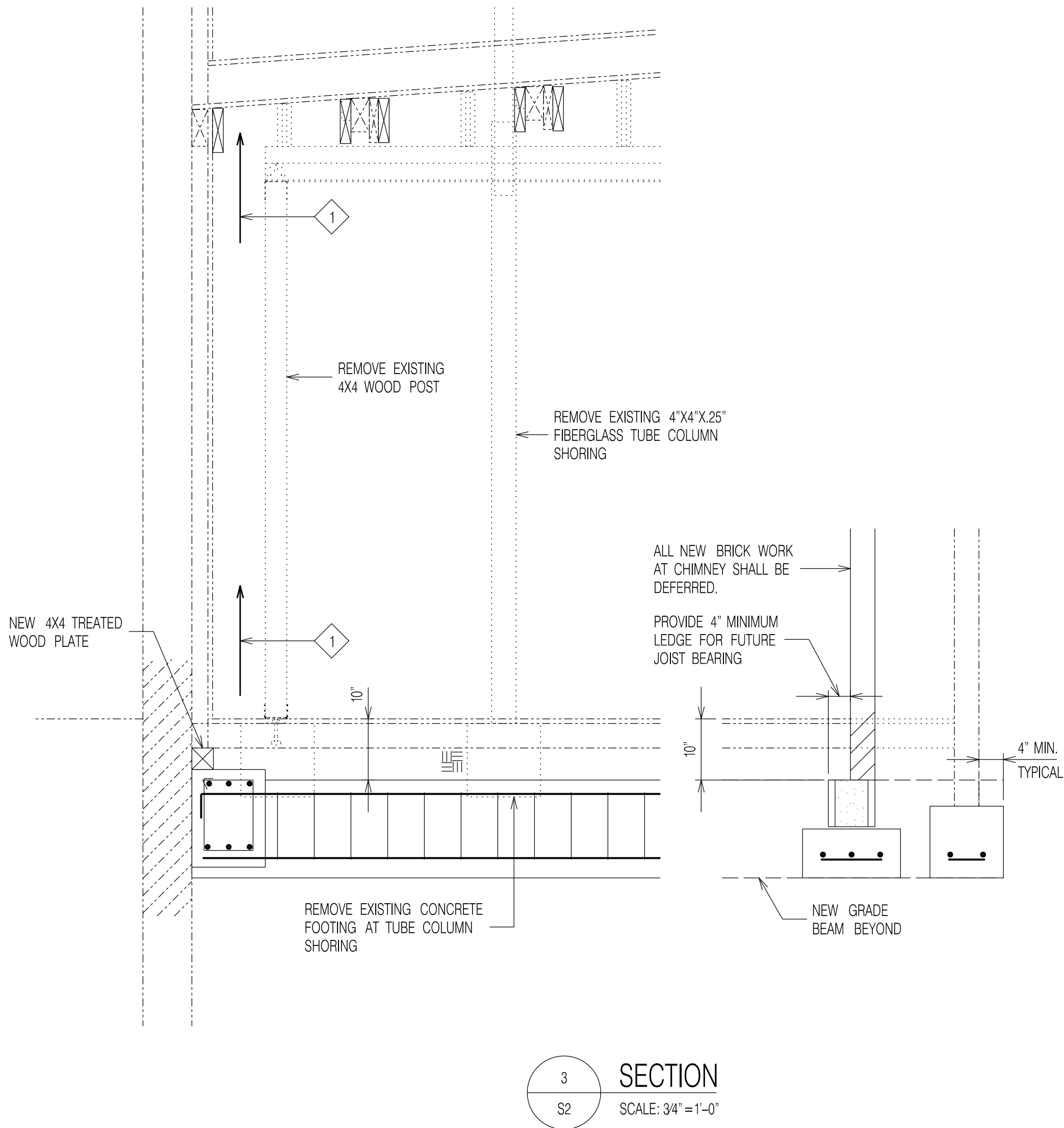
Project #

Sheet

S1



- NOTES:
1. RAISE SLOPED FLOOR AND FOUNDATIONS NEAR THE SOUTH WALL.
 2. PROTECT PLASTER ON CEILING AND WALLS. REMOVE AS REQUIRED TO FACILITATE THE RAISING AND LEVELING OF THE ROOF AND FLOOR.
 3. UNDERPINNING SHALL BE DONE IN 3'-0" MAXIMUM LONG SEGMENTS SO AS MINIMIZE DAMAGE TO THE EXISTING STRUCTURE. EACH SECTION OF EACH PLACEMENT SHALL BE SPACED 12'-0" MINIMUM APART.
 4. THE UNDERPINNING SEGMENTS SHALL BE KEIED TOGETHER WITH A MINIMUM OF ONE 2X4 HORIZONTAL KEY AT EVERY JOINT.
 5. DO NOT EXCAVATE ADDITIONAL UNDERPINNING PITS UNTIL THE CONCRETE HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI.



GRADE BEAM SCHEDULE						
MARK	DEPTH "D" (IN.)	WIDTH "W" (IN.)	TOP REINF.	BOTTOM REINF.	STIRRUPS	NOTES
GB-1	16"	16"	4-#6	4-#6	#3 AT 6" OC	
GB-2	16"	12"	3-#5	3-#5	#3 AT 16" OC	

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NUMBER 11707. EXPIRATION DATE 11/01.

DAVID H. GLEASON ASSOCIATES, INC.
ARCHITECTS

520 A NORTH EUTAW STREET, BALTIMORE, MD 21201 410.728.1810

Alterations and Additions

Caulkers' House
614 South Wolfe Street
Baltimore, Maryland

Title

SECTIONS
AND
DETAILS

© David H. Gleason Associates, Inc.

Date 7/16/20

Revisions

Project #

Sheet

S2